

# Unisonic 740

M+  
M-

8 Digits with Memory Calculation

INSTRUCTION MANUAL

**1. DISPLAY**

8 Digits  
Minus sign  
Memory sign  
Over-flow sign  
Zero suppression

**2. FUNCTION**

Addition, Subtraction, Multiplication, Division,  
Automatic constant calculation for multi. and Div.  
Repeating addition and subtraction, Square and power  
calculation,  
Add-ON discount calculation, Percent calculation,  
Memory calculation and other applications.

**3. DECIMAL POINT SYSTEM**

Full floating decimal point.

**4. CAPACITY**

Entry and Result: 8 digits  
Add/Sub : 8 digits  $\pm$  8 digits = 8 digits  
Mul. : 8 "  $\times$  8 " = 8 "  
Div. : 8 "  $\div$  8 " = 8 "

## **5. OTHER FUNCTION**

Negative : Credit balance with Minus-sign.

Autoclear : Automatic clear at power on time.

## **6. POWER SOURCE**

Dry batteries 1.5V x (UM-3 or AM-3)  
or AC with AC Adaptor.

## **7. DIMENSIONS**

25mm (high) x 85mm (wide) x 135mm (length)

## **8. WEIGHT**

250 g

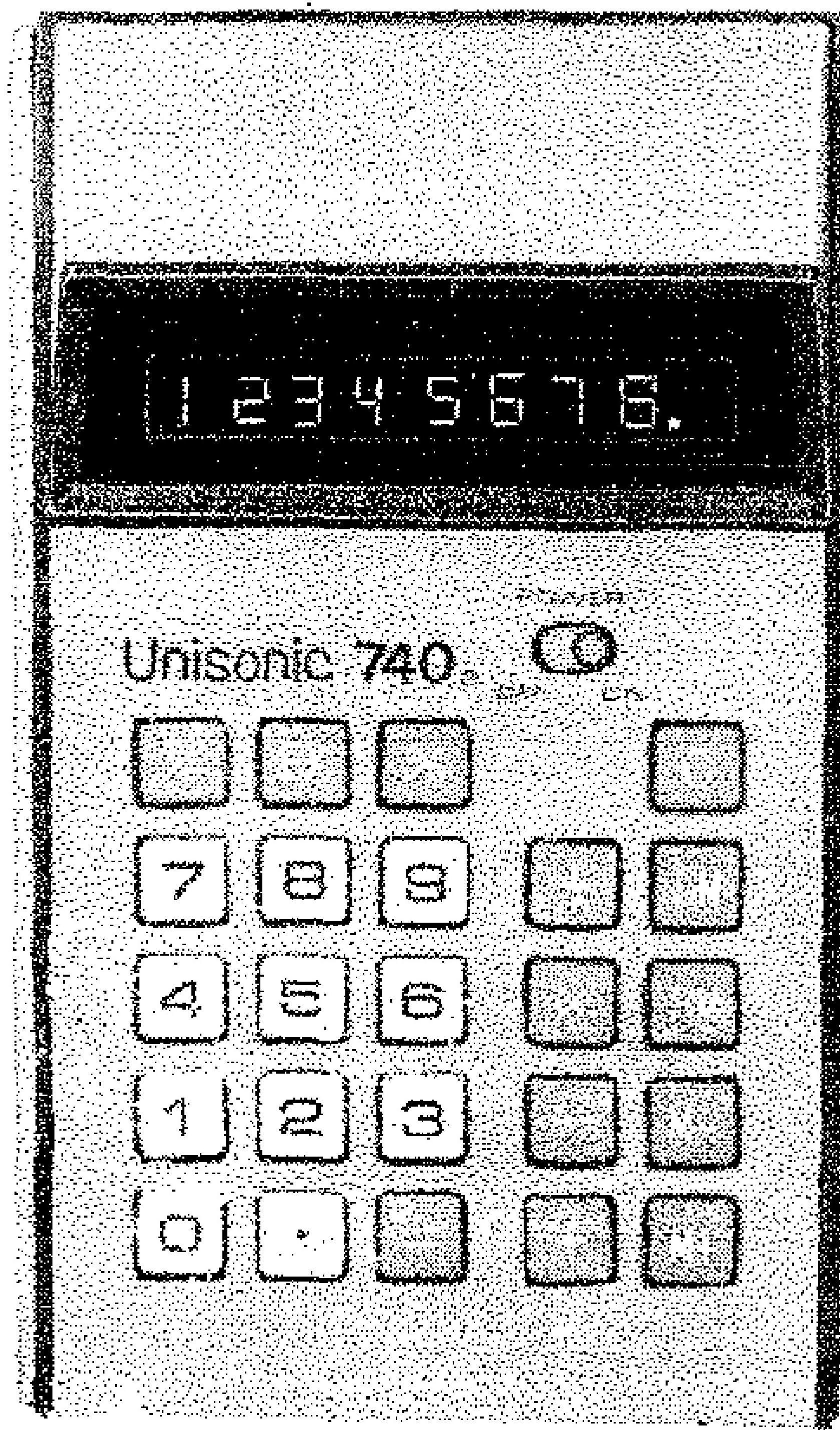
## **9. POWER CONSUMPTION**

0.5 W

## **10. LSI**

MOS LSI complete 1 chip.

## 11. KEY IDENTIFICATIONS



- [0] - [9] Numeral keys — Used to enter numbers.
- [.] Decimal point key — Used to enter decimal point.
- [+] Plus key — Used for addition.
- [-] Minus key — Used for subtraction.
- [×] Multiply key — Used for multiplication.
- [÷] Division key — Used for division.
- [C] Clear key — Used for clear and clear entry.
  
- [=] Equal key — Used for Div, Multi, ADD and SUB calculation.
  
- [%] Percentage key — Used for percentage calculation.
- [CM] Clear memory key — Used for clear memory.
- [RM] Recall memory key - Used for recall memory.
- [M+] Memory plus key — Used for ADD to memory.
- [M-] Memory minus key — Used for SUB from momory.
- [EX] Exchange key — Used for exchange the contents of two registers.
  
- [±] Sign change key — Used for change the sign of the display.

## 12. CALCULATION EXAMPLES

### (1) Addition and Subtraction

$$1.23 + 4.56 - 7.89 = -2.1$$

C 1.23 + 4.56 - 7.89 ⓢ ----- 2.10 -

### (2) Multiplication

$$12.3 \times 45.6 \times 78.9 = 44253.432$$

C 12.3 × 45.6 × 78.9 ⓢ ----- 44253.432

### (3) Division

$$20736 \div 12 \div 4 = 432$$

C 20736 ÷ 12 ÷ 4 ⓢ ----- 432

### (4) Mix

$$\frac{2 \times 3 \times 8 - 8}{2 \times 3} + 4 = 10.666666$$

C 2 × 3 × 8 - 8 ÷ 2 × 3 + 4 ⓢ ----- 10.666666

### (5) CONSTANT MUL/DIV

$$123 \times 2 = 246$$

$$123 \times 5 = 615$$

$$123 \times 8 = 984$$

$$\begin{array}{r} \boxed{\text{C}} \ 123 \ \boxed{\times} \ 2 \ \boxed{=} \\ \qquad\qquad\qquad \longrightarrow 246 \\ \qquad\qquad\qquad 5 \ \boxed{=} \\ \qquad\qquad\qquad 8 \ \boxed{=} \end{array}$$

$$\longrightarrow 615$$

$$\longrightarrow 984$$

$$123 \div 3 = 41$$

$$333 \div 3 = 111$$

$$999 \div 3 = 333$$

$$\begin{array}{r} \boxed{\text{C}} \ 123 \ \boxed{\div} \ 3 \ \boxed{=} \\ \qquad\qquad\qquad \longrightarrow 41 \\ \qquad\qquad\qquad 333 \ \boxed{=} \\ \qquad\qquad\qquad 999 \ \boxed{=} \end{array}$$

$$\longrightarrow 111$$

$$\longrightarrow 333$$

### (6) SQUARE

$$\boxed{(4)}^2 = \boxed{16}$$

$$\boxed{\text{C}} \ 4 \ \boxed{\times} \ \boxed{\square} \ \boxed{=} \longrightarrow 256$$

(7) POWER

$$3^6 = 729$$

C 3  $\times$   $\equiv$   $\equiv$   $\equiv$   $\equiv$   $\equiv$   $\equiv$   $\rightarrow$  729

(8) RECIPROCAL

$$\frac{1}{2 + 3 + 5 - 5} = 0.2$$

C 2  $\oplus$  3  $\oplus$  5  $\square$  5  $\div$  1  $\times$   $\equiv$   $\rightarrow$  0.2  
or C 2  $\oplus$  3  $\oplus$  5  $\square$  5  $\div$   $\equiv$   $\equiv$   $\rightarrow$  0.2

(9) PERCENT CALCULATION

(a) How much is 20% of 200?

C 200  $\times$  20  $\%$   $\rightarrow$  40

How much % is 200 of 400?

C 200  $\div$  400  $\%$   $\rightarrow$  50

(10) ENTRY CLEAR

$$123 \times 123 = 15129$$

C 123  $\times$  122 C 123  $\equiv$   $\longrightarrow$  15129  
mis-entry

(11) REPEATED CALCULATION

$$3 + 2 + 2 + 2 + 2 - 2 = 9$$

C 3  $\oplus$  2  $\oplus$   $\oplus$   $\oplus$   $\ominus$   $\equiv$   $\longrightarrow$  9

(12) DISCOUNT ADD-ON CALCULATION

$$100 - (20\%) = 80$$

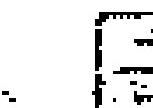
C 100  $\square$  20 %  $\equiv$   $\longrightarrow$  80

$$100 + (20\%) = 120$$

C 100  $\oplus$  20 %  $\equiv$   $\longrightarrow$  120

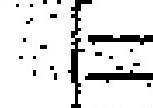
(13)  KEY USED CALCULATION

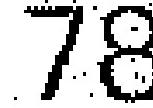
$$8 \times 15 \div (-3) \div 5 - 15 = -23$$

C 8  15  3   5  15  → -23

(14) MEMORY CALCULATION

$$123 \times 3 + 456 \times 2 - 789 \times 5 = -2664$$

C CM 123  3  M+ 456  2  M+ 789  5  M- RM → -2664. M

or C CM 123  3  M+ 456  2  M+ 789  5  M+ RM → -2664. M

(15)

$$123 \times 96 + 456 \times 85 + 789 \times 74 = 108954$$

CM C 123 X 96 = M+ 456 X 85 = M+ 789 X 74 = M+ RM = → 108954

$$123 \div 96 + 456 \div 85 + 789 \div 74 = 17308$$

CM C 123 ÷ 96 = M+ 456 ÷ 85 = M+ 789 ÷ 74 = M+ RM = → 17308

$$123 \times 5 + 456 \times 6 - 789 \times 7 = -2172$$

CM C 123 X 5 = M+ 456 X 6 = M+ 789 X 7 = M- RM = → -2172

OR

CM C 123 X 5 = M+ 456 X 6 = M+ 789 ÷ X 7 = M+ RM = → -2172

SIGN CHANGE

$$\frac{4^2}{8} \times (-3) = -6$$

C 4 X = X 3 ± ÷ 8 = → -6

# SERVICE CERTIFICATE

*Your electronic calculator is a highly precise electronic instrument which will serve you for many years with normal care.*

UNISONIC PRODUCTS are guaranteed against defects in materials or workmanship for a period of ninety (90) days from date of purchase. This guarantee applies only to the original owner registered on the card below. This card must be completed and mailed, postage paid, within ten (10) days from date of purchase. Any merchandise that has been repaired by an unauthorized party, tampered with, or abused is not covered by this guarantee.

*After ninety (90) days from date of purchase, this unit will be for the minimum service charge of Nine Dollars (\$9.00). Any unit requiring repair after this ninety (90) day period should be returned,*

postage prepaid, with a check or money order for Nine Dollars (\$9.00) to the address below.

All merchandise must be returned, prepaid and fully insured, in the original packaging container or in a similarly-constructed container, via U.P.S. where possible. Enclose a letter explaining the problems, with place and date of purchase.

***All defective units should be returned to***

UNISONIC  
Service Department  
16 West 25th Street  
New York, N.Y. 10010

MODEL NO. 740

DATE OF PURCHASE 1-29-75

DEALER'S NAME Gift

SERIAL NO. 024456

**Printed in Japan**